# The Gazette



# of *Andia*

## PUBLISHED BY AUTHORITY

### SIMLA, SATURDAY, AUGUST 31, 1957 (BHADRA 9, 1879)

Separate paging is given to this Part in order that it may be filed as a separate compilation

#### PART III—SECTION 2

### Notifications and Notices issued by the Patent Office relating to Patents and Designs

# THE PATENT OFFICE Patents and Designs

Calcutta, the 31st August 1957

#### Special Notice

It is hereby notified for general information that the following Groups of Abridgments of Patent Specifications have been published and copies thereof are available for sale with the Manager of Publications, Civil Lines, Delhi at Re. 1 per copy.

Copies are also available for sale locally at the counter of the Government of India Book Depot, 8, Hastings Street, Calcutta on cash payment.

Group VII —Cooling and Heating.

(Containing Abridgments of Patent Specifications between Nos. 35,001 and 40,000).

Group VIII systems -Drying and (Containing Abridgments of Patent Specifications betapparatus (excepting Patent centrifugal machines; Nos. 35,001 distilling, etc; ween land steam 40,000). superheaters; heating systems).

CORRIGENDA

In the Gazette of India, Part III, Section 2, dated 3rd August, 1957—

In page 195, column 1, under the heading "Applications Accepted"—

for No. "56353. The Bistol Aeroplane Company Limited. Improvements in or relating to rotors for axial flow compressors and turbines. Accepted on 20th July 1957".

Read No. "56352, The Bistol Aeroplane Company Limited. Improvements in or relating to rotors for axial flow compressors and turkines. Accepted on 20th July 1957".

In page 195, column 2, under the heading "Applications Accepted"—

Against No. 56788-

for "Phosphorochloridoothionate"

read "Phosphorochloridothionate".

In page 197, column 1, under the head "Applications Accepted"—

Against No. 57602-

for "geranylene-triary-phosphine"

read "geranylene-triaryl-phosphine".

In page 197, column 2, under heading "Applications Accepted"—

Against No. 58381-

for "Cormals" read "vormals".

Against No. 58976-

for "Haftund" read "Haftung".
In page 198, column 1, under the heading "Applications Accepted"—

Against No. 59197 for "that" read "the".

In page 199, column 1, under the heading "Renewal Fees Paid"—

delete Nos. "50024, 50024".

insert Nos. "50024, 50025".

#### Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

#### The 17th August 1957

61469. Instytut Chemicznej Przerobki Wegla Zabrze.

Method of producing mechanically strong products of different kinds, especially a solid fuel formed from fine grained non-coking solid materials.

61470. K. V. Pandit. Laya Pandit.

61471. Les Usines De Melle (Societe Anonyme). Manufacture of purified absolute alcohol.

61472. E. Carignani and A. C. N. Ghelardoni. Compressed air pump with a rotary distributor.

61473. Commissariat A L'Energie Atomique. Improvements in devices for introducing elements, and in particular fuel rods into nuclear reactors and/or for withdrawing such elements from said reactors.

61474. C. I. Williams. Method and apparatus for handling forms.

61475. Chas. Pfizer & Co. Inc. Antibiotic Production.

61476. J. R. Geigy A.-G. Process for the production of Bis-4. 5-Naphthylene-1.2.3-Triazolyl-(2)-Stilbene Compounds.

61477. V. N. Sathe. A diodic Solar Battery.

61478. P. A. Edwards. An Improved Oil Expellor.

#### The 20th August 1957

61479. L. J. Kolczok, Improvements in and relating to the connection of pre-cast concrete and like structural elements.

61480. The British Rayon Research Association. Improvements in or relating to the dyeing of fabrics, yarns and the like. [Divisional date 2nd May 1956].

61481, The General Electric Company Limited. Improvements in or relating to methods of manufacturing hollow articles. (23rd August 1956).

61482. Mecatec S. A. Endless track for cross country vehicle.

( 221 )

J841GJ

- 61483. W. & T. Avery Limited, A Self Balancing Potentiometer System for Use in Association with Weighing Apparatus.
- 61484, Council Of Scientific And Industrial Research. Improvements in or relating to the refining of crude cotton seed oil.
- 61485. Firma Plutte, Koecke & Co. Weaving process and mechanisms, and articles produced thereby.
- V. G. (Inverness) Limited. Waterproof Sanitary 61486 Garments.
- 61487. Asta-Werke Aktiengesellschaft. New derivatives of phosphoric acid triamide and thiophosphoric acid triamide, and the production thereof.
- 61488. Precision Valve Corporation. Valve operating buttons for dispensing pressurised material and dies for forming said buttons.
- 61489. Precision Valve Corporation. Valve operating buttons for dispensing pressurised material and dies for forming said buttons.
- 61490. Unilever Limited. Process and apparatus for contacting a continuous stream of liquid with a vapour or a gas. (24th August 1956).
- 61491. Montecatini Societa Generale Per L'Industria Mineraria E. Chimica, and K. Ziegler. Magnetic materials.
- 61492. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Process for stabilizing panthenol.
- 61493. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning, Process for fixing pigments on fibrous materials. [Addition to No. 602281.
- 61494. Bundy Tubing Company. Improvements in or relatto the manufacture of tubing.
- 61495. Standard Telephones And Cables Limited. Electrical Printer Mechanism.
- 61496. D. Sebel & Company Limited. Improvements in or relating to Chairs. (21st August 1956).
- 61497. H. Pfeil. A Tyre remover.
- 61498. Bahamas International Trade Corporation Limited. Targets.
- 61499. Maschinenfabrik Augsburg-Nurnberg A. G. Improvements in fuel-cooled injection nozzles for internal combustion engines.
- 61500. Maschinenfabrik Augsburg-Nurnberg A. G. Improvements in nozzle holders for injection internal combustion engines.
- 61501. The Steel Company Of Wales Limited. Improvements in steel manufacture.

#### The 21st August 1957

- 61502. S. D. Master and H. K. Umrigar. Improvements in the use and designs of candles (Shila, Shell, Wax); and Improvements in (Shila or Wax) stoves lamps etc., using same; and all types of candles and the like fuel and like stoves and lamps.
- 61503. W. N. Craig. Improvements in or relating to ball-cocks for domestic flushing cisterns, feed tanks and the like.
- 61504. L. C. Nicoll. Improvements in printing. (24th October 1956).
- 61505. The English Electric Company Limited. Improvements in and relating to electric fuse-holders. (7th September 1956).
- 61506. J. R. Geigy A.-G. Process for the production of fluorescent triazolyl stilbene compounds.
- 61507. Societe Des Forges Et Ateliers Du Creusot. Automatic upstream water level control weir.
- 61508. Farkenfabriken Bayer Aktiengesellschaft. Shaped parts made of high molecular weight thermoplastic polycarbonates and process for manufacture. (3rd July 1957).
- 61509. Merck & Co., Inc. Chemical Compounds and Processes for Preparing the Same.
- 61510, Merk & Co., Inc. Chemical Compounds and Processes for Preparing the Same.
- 61511. Dwijendra Nath Chaudhuri. Improvements in or 56584. The English Electric Company Limited. Improverelating to ornaments.

- 61512. Dwijendra Nath Chaudhuri. Mats or Mat like articles.
- 61513. J. V. Tilburg. Process for the manufacture of diamond from graphite. (24th August 1956).
- 61514. Commonwealth Scientific And Industrial Research Organization. Improvements in and relating to concrete, mortar or the like. (27th August 1956).
- 61515. C. Fritz Improvements in or relating to a coverheated tank jurnace. [Addition to No. 59600].
- 61516. Odenwald-Chemie G.m.b.H. Improvements in or relating to the production of clear foils and commodities from polyethylene.
- 61517. Odenwald-Chemie G.m.b.H. Improvements in or relating to the manufacture of fibres and the like in polyethylene.
- 61518. Odenwald-Chemie G.m.b.H. Improvements in or relating to articles made in polyethylene.
- 61519. Douglas Fraser & Sons Limited, Improvements in or relating to driving rollers for machines for winding rolls or packages of sliver.

#### Alteration of Date

- 55666. Post dated to 16th July 1956 under Section 5 of the Act.
- 60882. Ante-dated to 17th November 1955 under Section 5 of the Act.
- 60883. Ante-dated to 17th November 1955 under Section 5 of the Act.
- 60894. Ante-dated to 17th November 1955 under Section 5 of the Act.
- 60895. Ante-dated to 17th November 1955 under Section 5 of the Act.

#### Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of this Gazette of India give notice to the Patent Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933 of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot. 8, Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India), Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specification together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges may be ascertained on application to the office.

The dates shown in crescent brackets are the dates

allowed under Section 78-A of the Act.

55666. N. Satyanarayana. Improvements in or relating to 3-Phase, an electrical switching arrangement. [Addition to No. 55665]. Accepted on 14th **A**ugust 1957.

> Switch for cut point comprises a male and a female switch mounted in 3 sets the top set centrally over the pole, operated by an operating pipe and handle.

55858. The Singer Manufacturing Company. Ornamental stitch sewing machine. Accepted on 17th August 1957.

> Providing a plurality of different responseproducing records for controlling the actions of the zigzag stitch mechanism and means whereby such records may be selectively employed for effecting various patterns.

56546. California Research Corporation. Silica-Alumina Cracking catalyst and method. Accepted on 13th August 1957.

> Comprising 10 to 75 by weight of coprecipitated, silica-alumina component dispersed throughout a predominantly silica-matrix, said silica-alumina component having an alumina content of from 20 to 60 per cent by weight.

ments in hydraulic turbines. (1st March 1955).

Accepted on 20th August 1957.

Having auxiliary shutters in the form of cylindrical slunde valves which are withdrawn out of the path of water in normally operation and which are moved longitudinally between fixed stay vanes to provide a seal.

56625, Tecalemit Limited. Apparatus for dispensing lubricant to the wheels or rollers of chain conveyors or the wheels of rolling stock. (16th March 1955).

Accepted on 21st August 1957.

Lubricant dispensing device mounted upon a carriage and lubricant is discharged under pressure into the spindles of the rollers of the moving chain.

56654. The General Electric Company Limited. Improvements in or relating to electrical circuits including automatic switches. (3rd March 1955). Accepted on 20th August 1957.

Selector switch circuit including a test relay and at least one switching relay, so connected that test relay operates when one switch wiper engages with a bank contact connected to a suitable potential, the contacts of test relay acting to prevent further rotaty stepping motion of switch wipers and to complete a circuit to operate switching relay contacts of which extending the falling lap through associated switch wipers.

56701. N. V. De Bataafsche Petroleum Maatschappij.
Mixture compressing internal combustion
engine with prechamber. Accepted on 20th
August 1957.

Flow controlling valve means in air inlet conduit leading to cylinder, means controlling fuel flow to carburettor jet nozzle; means for controlling fuel fed to injector of prechamber; are control means so interconnected that between zero and half loads air conduit valve is more and more apened and nozzle control means remains unaffected and that between half and full loads air conduit valve is fully opened and nozzle control means are operable.

56855. Commissariat A L'Energie Atomique. Improvements in devices for ensuring an electric contact between rotary parts of an electric machine. Accepted on 20th August 1957.

Using conductor liquid (metal) subjected to centrifugal force so as to move in a continuous fashion throughout a circuit of which the external portion of which comprises means for cooling said liquid.

56905. Ricardo & Co., Engineers (1927) Limited, Improvements relating to timing mechanism including a helical gear through which the drive to be timed is transmitted. (26th January 1956). Accepted on 17th August 1957.

Including helical gear, two screw threaded members one secured to said gear and the other mounted to rotate with it but prevented from moving longitudinally and an adjusting member with screw-threads co-operating with both screw-threads so that rotation of adjusting member relative to gear well adjust gear longitudinally.

57157. A. G. Lucey. Improvements in and relating to pin and needle grinding machines. Accepted on 17th August 1957.

Wires pressed against grind stone from two oppositely disposed working heads from opposite direction.

57163. Ciba Limited. A new process for the preparation of rescrpine and compounds similar thereto.

Accepted on 17th August 1957

Isomerizing 3-iso-reserpine in acid medium.

57295. Electraulic Presses Limited. Control mechanism for hydraulic presses. (11th May 1955). Accepted on 17th August 1957.

Stroke control means embodied with a tapped rod fitted with a number of hydraulic pistons aligned in series co-axially.

57410. Dorr-Oliver Incorporated. Improvements in the fluidized bed roasting of finely divided materials which react exothermically at roasting temperatures. Accepted on 21st August 1957.

Removing major portion of excess heat by heat exchange elements a balance by other means.

57558. Dunlop Rubber Company Limited. Wheel or rim for tubeless tyre, Accepted on 20th August 1957.

Rim or wheel carrier a tyre inflation valve the metal body of which is fixed to the rim.

57571. Bell Brothers (Domestic) Limited. Improved mixing valve for the admixture of liquids of different specific gravity. Accepted on 20th August 1957.

Comprising a liquid inlet flow control valve, a liquid flow rate indicator, a saturation control valve and specific gravity indicator, all connected series and inlet and outlet connection on opposite sides of saturation control valve and to be adapted to be connected to a closed saturation vessel,

58150. Simon-Carves Limited. Improvements relating to coal or ore washing plant. (23rd August 1955). Accepted on 21st August 1957.

Gravity separation by using liquid media of different specific gravities with single medium recovery system.

58244. Council of Scientific and Industrial Research. An improved method for the production of titanium tetra-chloride from ilmenite. Accepted on 14th August 1957.

Reacting ilmenite with hydrogen chloride at elevated temperature to remove the iron and chlorinating the residue in situ.

58336, N. V. Philips' Gloeilampenfabrieken. Improvements in or relating to methods of producing aldehydes by hydrolysis of aldimines obtained by reduction of nitriles. Accepted on 20th August 1957.

A mixed aliphatic aromatic/alicyclic/nitrile is reduced with dialkylaluminium hydride and the complex is hydrolysed.

58439. Standard Telephones and Cables Limited. Improvements in or relating to static electric switches. (30th September 1955). Accepted on 17th August 1957.

One set of circuits is divided into groups and each set is connected to a corresponding switch of one stage.

58687. Imperial Chemical Industries Limited. New anthraquinone dyes-stuffs. (28th October 1955). Accepted on 20th August 1957.

Reacting 5-nitro-4-anilino 1:8 dihydroxy anthraquinone with formaldehyde to sulphuric acid.

58721. M. C. Danes and A. C. Brunet. Improvements relating to impulsion system for the shuttles in power looms. Accepted on 17th August 1957.

Oscillating movement of the loom table automatically generates a pneumatic force which being controlled by plurality of valves impels shuttles.

58825 Nihon Denki Tokei Kabushiki Kaisha. A motor clock provided with a spring automatically wound. Accepted on 20th August 1957.

Spring devised to take energy from the same motor supplying motive power and to operate an additional device other than time indicating mechanism.

58879. Oldham & Son Limited. Improvements in or relating to lids for electric batteries. (25th January 1956). Accepted on 17th August 1957.

Lid having in the regions at which battery elements are required to protrude therethrough, removable portions of reduced thickness permitting easy removal thereof prior to positioning the lid on battery cell.

58964. K. H. Sunden, Firing pin mechanism for hand grenades. Accepted on 20th August 1957.

Cock co-operating with a firing pin is provided with one or projections arranged to engage with handle when grenade is secured or thrown.

59080. N. V. Phillips' Gloeilampenfabrieken. Improvements in or relating to luminescent screens comprising associated photo-sensitive and electroluminescent elements. Accepted on 17th August 1957.

Viewed in a direction perpendicular to luminescent screen, each of the electrodes defines a line pattern, the lines of one pattern alternating with and not intersecting the lines of the other pattern.

59081. P. D. Ladouce. Holder, feeder and dispenser for soluble products, Accepted on 21st August 1957.

A device comprising a housing adapted to contain a cake or bar of liquid-soluble material solidably movable therein, with a discharge end and retaining means.

59203. Inventa A. G. fur Forschung und Patentverwertung. Process and apparatus for the treatment of solid goods with gaseous agents. Accepted on 14th August 1957.

Distributing the solid materials in a reaction vessel and introducing therein a counter current of positively directed flow of reacting gas.

59288. Standard Telephones and Cables Limited. Improvements in or relating to time division selector systems. (3rd April 1956). [Addition to No. 55108]. Accepted on 20th August 1957.

Time division selector as in No. 55108 provided with a frequency divider generator.

59509. Aktiebolaget Separator. A Plant for continuous operation of (at least) two hermetically closed centrifugal separators working in series. Accepted on 21st August 1957.

Outlet of one centrifuge is connected with inlet of other centrifuge by a closed line having pump and constant pressure maintaining device.

59574. Aktiebolaget Akers Styckebruk. Improvements in or relating to the centrifugal casting of tubular metallic bodies in hot, permanent chill moulds. Accepted on 21st August 1957.

Ratio K:R of the cross-sectional area (K) of the material of the mould used to the cross sectional area (R) of tubular body is at least 20.

59718. Hardcastle Waud & Company Private Limited. Improvements in or relating to film forming materials such as are used in paints. Accepted on 14th August 1957.

Component acids that are present in cotton seed oil are reacted with higher alcohols.

59832. Osaka Machine Mfg. Co. Ltd. A device for intermittently driving a shaft. Accepted on 21st August 1957.

Gearing between a driving shaft and a driven shaft normally out of connection gets connected whenever a motion is supplied from external source and is automatically disconnected when the driven shaft completes one operation.

59943. Standard Telephones And Cables Limited. Improvements in or relating to Ferromagnetic Ferrite Cores. (6th April 1956). [Addition to No. 53894]. Accepted on 17th August 1957.

Core has depressions in each of two opposite surfaces and holes through the block to interconnect the depressions.

60704. The Singer Manufacturing Company. Means facilitating the control and operation of ornamental stitch sewing machine. [Addition to No. 55858]. Accepted on 20th August 1957.

The instruction plate is hinged at one edge of the hollow machine casing.

60882. The Singer Manufacturing Company. Sewing machine loop-taker. [Divisional date 17th November 1955]. Accepted on 17th August 1957.

A loop-taker ring provided with an interior circular wall concentric with the vertical axis of the loop taker and interrupted by a gap.

60883. The Singer Manufacturing Company. Presser-Bar for sewing machines, [Divisional date 17th November 1955]. Accepted on 17th August 1957.

A presser bar mounted within the casing and movable endwise, spring means for blasing the bar, an adjustable plunger and means for connecting the presser bar, spring and plunger.

60894. The Singer Manufacturing Company. Needle-Bar driving means for ornamental stitch sewing machine. [Divisional date 17th November 1955].

Accepted on 17th August 1957.

Means for reciprocating the needle-bar endwise of its longitudinal axis, means for moving laterally the opposite end of said needle-bar through an arc of a circle and means for constraining the intermediate portion of the needlebar

60895. The Singer Manufacturing Company. Sewing Machine. [Divisional date 17th November 1955]. Accepted on 17th August 1957.

The throat-plate is shiftable back and forth (up and down) in a direction substantially normal to the work-carrying surface.

#### Opposition Proceedings

An opposition has been entered by Jeewanlal (1929) Limited, to the grant of a patent on application No. 54983 made by Grundy (Teddington) Limited and S. W. Grundy.

#### Patents Sealed

#### Amendment Proceedings

The request for amendment of the specification in respect of Patent No. 51156, which was notified in Part III. Section 2 of the Gazette of India, dated the 13th October 1956 is disallowed.

#### Registration of Assignments, Licences Etc.

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interest:—

37903—Edgar **A**llen & Co. Limited. 48088 48089 48172

Texind Corporation Ltd.

#### Renewal Fees Paid

2000 1 1 2 000 2 112								
24349.	25670.	25698.	25768.	26803.	26902,	26993.	27007.	28994.
29028.	29033.	29040.	30241.	30389.	31424.	33237.	33642.	34567.
35628.	35776.	35795.	35796.	35797.	35798.	35799.	36008.	36361.
36418.	36427.	36428.	38558.	40265.	40294,	40443.	40473.	42109.
42361	.43538.	43764.	<b>43771</b> .	43788.	<b>4381</b> 2.	43823.	43897,	<b>4394</b> 2.
	<b>4</b> 5698.							
	<b>4</b> 6518.							
	<b>4</b> 8091.							
	50125.							
50493.	50525.	, 50550.	50678.	51150.	51474.	<b>5</b> 1578.	51955.	52809.
52871,	52969.							

#### Restoration Proceedings

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of the following patent:—
No. 43986—Daniel Pramodan Melville.

The patent ceased on the 30th October 1956 owing to the non-payment of the renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India, dated the 16th February 1957. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933, at the Patent Office, 214, Lower Circular Road, Calcutta 17, on or before the 12th October 1957.

#### Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the

date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the design including in the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

- Class 1. No. 89859. B. R. Dhiman & Sons, Apra, District Jullundur, Punjab State, an Indian Joint Hindu Family concern through its Karta Basant Ram Dhiman S/o Sh. Faquirchand, Dhiman Brahman of Hindu Religion of Apra, "Spring cover in the right hand side portion of a Chaff-cutting machine", February 11, 1957.
- Class 1. No. 89860. B. R. Dhiman & Sons, Apra, District Jullundur, Punjab State, an Indian Joint Hindu Family concern through its Karta Basant Ram Dhiman S/o. Sh. Faquirchand Dhiman, Brahman of Hindu Religion of Apra, "Gear cover of a Chaff-cutting machine", February 11, 1957.
- Class 1. No. 89861. Gurdittamal & Sons, V. & P.O. Chak Bilgan, Distt. Jullundur, Punjab State. an Indian Joint Hindu Family firm. through its Karta Sh. Gurdittamal Dhiman S/o. Late Sh. Ram Kishan Dhiman, 80 years of age by Caste Dhiman Brahman of Hindu Religion and resident of Chak Bilgan, Distt. Jullundur, "The gear frame of the bullocks driven chaff-cutting machine", February 11, 1957.
- Class 1. No. 90573. Birdi Engineering Works, Maler Kotla (Punjab), an Indian partnership concern whose partners are: 1. Sant Singh. Mehar Singh, Bechan Singh and Surjit Singh, Indians, "Cycle carrier", April 15, 1957.
- Class 1. No. 91326. Raja Ram Type Foundry, Indian partnership concern, the partners whereof are: (1)
  Raja Ram Srivastava; (2) Salik Pd. Srivastava;
  (3) Trilok Chandra Srivastava; (4) Prem Chandra Srivastava; (5) Ramesh Chandra Srivastava; (6) Suresh Chandra Srivastava and (7) Satish Chandra Srivastava, all Hindus, Indian citizens, of Katghar, Allahabad (U.P.), "Printing types", June 24, 1957.
- Class 1. No. 91485. Fuji Bussan Company Ltd., of No. 4, Ginza 6-chome Chou-ku, Tokyo, Japan, a Japanese Company, Importers and Exporters of Construction Machinery, "Concrete Mixer", July 3, 1957.
- Class 1. Nos. 91711 and 91712. Nagar Andul Veeraraghavalu Naidu, Proprietor, Shri Ananda Type Foundry, Koppikar Road, Hubli City (Dist. Dharwar) Mysore State, India, Indian "Kananda Font Types", July 26, 1957.
- Class 1. No. 91747, Jaswant Rai Sethi, Prop. Jaswant Rai & Sons, 719, Model Town, Karnal (Punjab), an Indian, "A cycle saddle", July 31, 1957.
- Class 5. Nos. 91097 to 91101. The Eastern Paper Co., Private Ltd., of 44, Suttar Chawl, Bombay 2, Indian Private Limited firm, "Wrapping paper", May 31, 1957.
- Class 5, No. 91486, Karim Bux, Cloth Merchant, Bazada Road, Gaya, Indian subject, "Carton", July 4, 1957.
- Class 13. No. 91070. M/s. Krishna Calico Printing Co., Indian Partnership firm consisting of (1) Sh. Brinda Ban, (2) Sh. Ajudhia Nath, (3) Sh. Kishn Chand, (4) Sh. Ram Saran Das, (5) Sh. Vishwa Nath, (6) Sh. Girihari Lal, Outside Gheemandi, Gate, Amritsar (Pb.), "Textile piecegoods", May 28, 1957.
- Class 13. No. 91192 and 91194 to 91201. The Tata Mills Ltd., Bombay House, Bruce Street, Fort, Bombay, (Nationality Indian), "Textile goods", June 17, 1957.
- Class 13. No. 91401. The Century Spg. & Mfg. Co. Ltd., Indian company, Industry House, 159 Churchgate Reclamation, Bombay 1, "Textile goods", June 28, 1957.
- Class 13. Nos. 91439 to 91450. The New National Mills Limited, Rakhial Road, Ahmedabad 10, Indian company, "Textile goods", July 2, 1957.
- Class 13. Nos. 91502 to 91505, 91508, 91509 and 91511. The Tata Mills Ltd., Bombay House, Bruce Street, Fort, Bombay. (Nationality Indian), "Textile goods", July 5, 1957.

- Class 13. Nos. 91514 to 91517 and 91519 to 91525. The Shree Niwas Cotton Mills Ltd., an Indian firm situated at Delisle Road, Bombay 13, "Cotton piecegoods", July 6, 1957.
- Class 13. Nos. 91574 to 91578. Juggilal Kamlapat Cotton Spg. & Wvg. Mills Co. Ltd., Kanpur (Uttar Pradesh), Indian Company, "Textile piecegoods", July 13, 1957.
- Class 13. Nos. 91624, 91625 and 91627. The Tata Mills Ltd., Bombay House, Bruce Street, Fort, Bombay, (Nationality Indian), "Textile goods", July 20, 1957.
- Class 13. Nos. 91656 to 91661. Messrs. The Phoenix Mills Ltd., an Indian company whose address is Imperial Bank Building, Bank Street, Fort, Bombay. "Textile goods", July 23, 1957.
- Class 13. Nos. 91672 to 91674. The Century Spg. & Mfg. Co. Ltd., Indian company, Industry House, 159, Churchgate Reclamation, Bombay 1, "Textile goods", July 23, 1957.
- Class 13. Nos. 61676 to 61678. Crown Spg. & Mfg. Co. Ltd., Gokhale Road, Parel, Bombay 13, Nationality Indian, "Textile goods", July 23, 1957.
- Class 13. Nos. 91679 to 91683. The Tata Mills Ltd., Bombay, House, Bruce Street, Fort, Bombay (Nationality Indian), "Textile goods", July 24, 1957.
- Class 13. Nos. 91687 to 91689. Dhanrai Mills (Private) Ltd., Sun Mills Road, Lower Parel, Bombay, India, a company incorporated in India, "Textile piecegoods", July 24, 1957.
- Class 13. No. 91720. Victoria Mills Limited, an Indian company situated at De Lisle Road, Parel Bombay 13, "Cotton piecegoods", July 29, 1957.
- Class 13. No. 91728. The India United Mills Ltd., Indu House, Dougall Road, Ballard Estate, Bombay 1, India, a company incorporated in India, "Textile piecegoods", July 29, 1957.
- Class 13. No. 90779. The Victoria Mills Limited, an Indian company, situated at De Lisle Road, Parel. Bombay 13, "Cotton piecegoods", May 4, 1957.
- Class 14. No. 91626. The Tata Mills Ltd., Bombay House, Bruce Street, Fort, Bombay (Nationality Indian), "Textile goods", July 20, 1957.

Copyright Extended to a Second Period of Five Years Design No. 74798, Class 1.

## Name Index of Applicants for Patents for July 1957 (60948 to 61319)

Names and Register Numbers

#### Α

A.E. I-John Thompson Nuclear Energy Company Limited—61313.

Aktieselskabet De Danske Sukkerfabrikker—61080.

Aluminium Laboratories Limited-61190, 61191.

American Cyanamid Company—61128. Ancet, V. M. J.—60974.

Anstalt fur die Entwicklun von Erfindungen und gewerblichen Anwendungen Energa—61291.

Artos Maschinenbau Dr. Ing. Meier Windhurst-61120.

ASF Gleitverschlussges-61250.

Associated Automation Ltd.-60955.

Automatic Telephone & Electric Co. Ltd.—61056, 61057, 61231.

Ayyar, S. V. N.-61154, 61155.

#### В

Babcock & Wilcox Ltd.-60976.

Badische Anilin & Soda-Fabrik Aktlengesellschaft—61311. Beard, C. G.—61252, 61253, 61254, 61255, 61256, 61257, 61258, 61259, 61260, 61261, 61262, 61263, 61264.

Bessiere, P. E.-61139.

Best Products Ltd.--61062.

Bharati, J., Mrs.-61119, 61204.

Bhattacharji, N. C.-60954.

Bristol Laboratories Inc.—61076.

British Amusement Corporation Pty. Limited-61004.

Names and Register Numbers

British Insulated Callender's Cables Limited-61127, 61233.

British Rayon Research Association-61090.

British Telecommunications Research Limited-61231.

British Thomson-Houston Company Ltd., The-60975.

C

Canadian Industries Limited-61289.

Canadian Ingersoll-Rand Co. Ltd.-61002.

C. A. Parsons & Co. Ltd.-60996, 61178.

Chantiers Navals Franco-Belges-61141.

Chas. Pfizer & Co. Inc.—61001, 61049, 61063, 61234, 61235, 61236.

Chemische Fabrik Promonta G.m.b.H.-61007.

Chettiar, L. S.-60950.

Ciba Limited—60957, 60968, 60969, 60983, 60984, 60985, 60986, 60987, 61019, 61022, 61102, 61121, 61150, 61151, 61180, 61220, 61221, 61222, 61223, 61224, 61243, 61244, 61310.

Claude paz et Visseaux-60977.

Clifford Hartley Patents Limited-61305.

Comerio Erocole S.p.A.—61104, 61105, 61106, 61107.

Commissariat A L'energie Atomique-61140.

Compagnie Française Des Matieres Colorantes-61096.

Council of Scientific and Industrial Research-61020.

Creed & Co. Ltd.-61216.

Ι

Daimler-Benz Aktiengesellschaft-61103.

Das, K. C.-61126.

Das, S. N.-61274.

Davis, S.-60966.

Deininger, R. Dr.—60995.

Deutsche Gold-Und Silber-Scheideanstalt Vormals Roessler -- 61099.

Dhand, D. K.-61092.

Diamond Alkali Company-61309.

Didier Werke A. G.—61161, 61162, 61183, 61184, 61200, 61201, 61211, 61212, 61228, 61229, 61248, 61249, 61265, 61266, 61267, 61268, 61278, 61295, 61296, 61297, 61298, 61299, 61300.

Din, M. A.-60995.

D. Napier & Son Ltd.—61072, 61073.

Dompe Farmaceutici-61124.

Dorr-Oliver Incorporated-61061.

Dow Chemical Co., The-60962, 61114, 61115.

Dr. Edgar Cretener, A. G.-61197.

D'Souze, E. A.-61167.

D'Souza, D. A .- 61168.

Dunlop Rubber Co. Ltd.—61074, 61293,

Dunston, J.-61177.

Dutta, S. S.-61045.

Dutt, D. R.-61054.

Ŧ.

E. I. du Pont de Nemours and Co.-61041, 61064, 61065.

E. K. Cole Limited.-61026, 61095.

Electro-Hydraulics Limited-61176.

E. Merck Aktiengesellschaft-61082, 61213.

English Electric Company Ltd., The-61059, 61192.

Eternit Soc P. Az.-61164.

Ethyl Corporation-60998.

Eutectic Welding Alloys Corporation-61214, 61230.

F

Farbenfabrieken Bayer Aktiengesellschaft—61163, 61246, 61271.

Farbwerke Hoescht Aktiengesellschaft vormals Meister Lucius & Bruning—60973, 61042, 61181.

Fayolle, M.—60974.

Names and Register Numbers

F. Hoffmann-La Roche & Co. Aktiengesellschaft-61179.

Firma Carl Still-61086.

F. L. Smidth & Co. A/S.-60988.

Fords (Finsbury) Ltd.—60963.

Foundry Equipment Ltd.-61068.

Fuji Bussan Company Ltd.-60993.

G

General Aniline & Film Corporation-61000.

General Electric Co. Ltd., The-61088, 61306.

Ghorpade, D. B.—61252, 61253, 61254, 61255, 61256, 61257,

61258, 61259, 61260, 61261, 61262, 61263, 61264.

Ghosh, R.-61029, 61030.

Gill, S. S.-61091.

Glaxo Laboratories Limited-61189.

Goodyear Tire & Rubber Company, The-61277.

Graetz Kommanditgesellschaft-61075.

Griffin Wheel Company-61134, 61135, 61136.

H

Hand-Skill Looms Inc.-61034.

Harry Ferguson Research Ltd.-61058.

Hartung, Kuhn & Co.-60992.

Heinrich Koppers Gesellschaft mit beschrankter Haftung —61040.

Heuer, R. P.-60964.

Homm, R. E.-61083.

Ι

Imhausen Werke G.m.b.H.-60949.

Imperial Chemical Industries Ltd.—61012, 61024, 61051, 61052, 61132, 61133, 61175, 61239, 61240.

Indian Oxygen & Acetylene Company Private Limited, The—61207.

Indian Rubber Manufacturers Ltd.-61269.

Industrial Development Co. (Establishment)—61032.

Inland, N. C.-60989, 60990.

International Mac Gregor Organisation (I.M.G.O.)—60978. Inventa A. G. fur Forschung und Patentverwertung—61028.

J

J. R. Geigy, A. G.-61050.

Jugas, M.-61269.

K

Kaiser Aluminium & Chemical Corporation-61225.

Kalamazoo Limited—61215.

Kalwaites, F.-61158.

Karapukar, P. D.-60948.

Knoch, M. H.—61195.

KNOLL Aktiengesellschaft-61070.

Kooperativa Forbundot-61117

Kovarik, A Ing.-61014, 61016, 61043.

Kugelfischer Georg Schaffer & Company-61198.

L

Laing, N.-61017.

Les Usines De Melle (Societe Anonyme)-61205.

Loneza-Werke Elektrochemische Fabriken G.m.b.H.—61280, 61281.

Lonza Electric and Chemical Works Ltd.—61125. Lurgi Gesellschaft für Warmetechnit m.b.H.—61118.

M

Machenzie, F. W.-61279,

Magalow, W.-61122.

Manohar, S.-61085.

Maskinfabriken Phonix A/S.-61013,

Maschinenfabrik G.m.b.H.-60992.

Names and Register Numbers

May & Baker Ltd.—61046, 61047, 61071.

Mead Johnson & Company-61285, 61286, 61287.

Mehta & Company-60959.

Mehta, P. N.--61069.

Mena-Lux, S. A.—61094.

Mende, W. C.-61084.

Metropolitan-Vickers Electrical Company Limited-61301.

Millman, N.—61083.

Montecatini Societa Generale Per L'Industria Mineraria E Chimica—61077, 61100, 61101, 61199, 61247, 61319.

Morren, H. Dr. Sc.-61025.

N

Nagaraja, A.—61169.

Nandy, S. K.-61274.

Narayanan, K. T.--61273.

National Research Council—61011.

National Research Development Corporation-61110.

Nihon Spindle Seize Kabuahiki Kaisha-61137.

Norwich Pharmacal Co., The-61027.

Norton Portland Corporation-60997.

N. V. Centrale Suiker Maatachappij-61194.

N. V. De Bataafsche Petroleum Maatschappij-61170, 61171, 61172.

N. V. Philips' Gloeilampenfabrieken-60980, 60981, 61146,  $61147,\ 61148,\ 61149,\ 61315,\ 61316,\ 61317,\ 61318.$ 

Organico-61112.

Organon Laboratories Ltd.-60657, 61284.

P

Pardasani, R. R.—61302.

Patel, R. R.-61005, 61044.

Paterson Engineering Company Limited, The-61194.

PECHINEY Compagnie de Produits Chimiques et Electrometallurgiques-60960, 60961, 61111.

Pizey-G.-61269.

Plassey Co. Ltd., The—61006.

Premier Industries-60952.

Puc. V.—61014, 61043.

 $\mathbf{R}$ 

Raha, A. C.-61203.

Reddi, A. C. K.—61166.

Robert Bosch GMBH-61314.

Rodi & Wienenberger Aktiengesellschaft—61098.

Rohm & Haas Company-61303.

Rosan Engineering Corp.—60956.

Rosner, E.-61193.

R. N. Corporation-61165.

Ruhrchamie Aktiengesellschaft-61118, 61232.

Sabah, N. H.—61031.

Saboo, D. P.—61018.

Saher, N. F.-61238.

Salansky, F.—61209, 61210.

Sarkar, J. N.-61145.

Schenellpressenfabrik Aktiengesellschaft Heidelberg- Verneaux, J. E. P.-61141. 61226.

Seaborne, T. L.-60991.

Seidel, J. L.--61084.

Seksaria, S. B.-61119, 61204.

"SHELL" Research Limited-61208.

Shri Ram Institute for Industrial Research-61156, 61157. 61275.

Shuford Mills, Inc.—61035, 61036, 61037, 61038, 61039.

Siddiqui, S. Dr.—60994, 60995.

Signode Steel Strapping Company-61292.

Simon-Carves Ltd.—61097.

Sinha, K. P.—61010.

Societe Anonyme Des Glaces De Boussois—61237.

Names and Register Numbers

Societe Anonyme Des Manufactures Des Glaces Et Produits Chimiques De Saint-Gobain, Chauny & Cirey-61241, 61242.

Societe D'Electro-Chimie, D'Electro-Metallurgie Et Des Acieries Electriques D'Ugine-61294.

Societe Des Usines Chimiques Rhone-Poulenc-61033, 61093.

Societe Des Laboratoires Labaz-61108.

Societe Des Usines Chimiques Rhone-Poulenc-61288.

Societe Rhodiaceta-60970, 60971, 60972, 61055, 61282.

Sonti, V. R.-61123.

Stabilimenti Elettromeccanici Riuniti Ansaldo-San Giorgio Societe per Azioni-61290.

Stahlgruber, Otto Gruber & Co.-60951.

Stamicarbon, N. V.-61023, 61304.

Standard Telephones and Cables Ltd.-60965, 60982, 61138, 61217.

Stauffer Chemical Company-61276.

Steel Company of Wales Ltd., The-61067.

Sterling Drug Inc.—60999.

Stevedores Equipment Services Co. Ltd.-61109.

S. U. Carburettar Company, Ltd., The-61142.

Szundy, A.—61021.

Takeda Pharmaceutical Industries Limited-61251.

Talyarkhan, F. K .-- 61008.

Tecalemit Limited—61206.

Technion Research and Development Foundation Ltd.-

Timber Box Manufacturing Company-61182, 61245.

Time Incorporated-61283.

Tokyo Shibaura Denki Kabushiki Kaisha (known as Tokyo Shibaura Electric Co. Ltd.)-61272.

Tokyo Tsushin Kogyo Kabushikikaisha-61009.

Tor-Isteg Steel Corporation—61143, 61144. Tor-Isteg Steel Corporation S. A. H.—61312.

Torrance & Sons Ltd.-61078, 61079.

Treloar, H. A.—61177.

Turfa, AG.—61202.

U

Union Carbide Corporation-61003, 61060, 61130, 61152, 61153, 61196, 61218, 61219, 61307.

United Engineering and Foundry Company-60953.

United Kingdom Atomic Energy Authority-61113, 61174, 61188, 61270.

United States Atomic Energy Commission-61066, 61173, 61185, 61186.

United States Steel Corporation-61129.

Urs, R. P.—61252, 61253, 61254, 61255, 61256, 61257, 61258. 61259, 61260, 61261, 61262, 61263, 61264,

Vach, J.-61016, 61043.

Vameco Trust Fur Vacuum-Technik Reg.-60958.

Varda, G. D.-61077.

Varma, A. R.—61166.

Varma, K. L.-61160.

VEB Luckenwalder Metallwarenfabrik-61015.

Veb Lufttechnische Anlagen Berlian-61308.

Veb Maschinenfabrik Polysius-61087. Veb Metallwegerei Neustadt-61159.

Ward, E. E.-61031.

Wayne Pump Co., The-61081.

Whiting, A. N.-61131.

W. H. Minor, Inc.-61187.

Williams, C. I.—61053, 61116.

W. P. Evans & Son Ltd.—61048. W. R. Grace & Co.-61227.

7.

Zeuthen & Aagaard A/S.-60979.

H. N. GHOSH Controller of Patents and Designs